

Hit List

Search Results - Record(s) 1 through 53 of 53 returned.

☐ 1. Document ID: US 20080039710 A1

L68: Entry 1 of 53

File: PGPB

Feb 14, 2008

PGPUB-DOCUMENT-NUMBER: 20080039710

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20080039710 A1

TITLE: SYSTEMS AND METHODS USING NUCLEAR MAGNETIC RESONANCE (NMR)
SPECTROSCOPY TO EVALUATE PAIN AND DEGENERATIVE PROPERTIES OF TISSUE

PUBLICATION-DATE: February 14, 2008

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Majumdar; Sharmila	Alameda	CA	US
Kurhanewicz; John	South San Francisco	CA	US
Lotz; Jeffrey C.	San Mateo	CA	US
Bradford; David S.	Sausalito	CA	US
Keshari; Kayvan	Stockton	CA	US

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw	Desc	Image			

☐ 2. Document ID: US 20080024128 A1

L68: Entry 2 of 53

File: PGPB

Jan 31, 2008

PGPUB-DOCUMENT-NUMBER: 20080024128
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20080024128 A1

TITLE: Nuclear magnetic resonance measurement techniques in non-uniform fields

PUBLICATION-DATE: January 31, 2008

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Song; Yi-Qiao	Ridgefield	CT	US
Caudal; Nicolas	Le Chesnay	MA	FR
Hurlimann; Martin	Newton	NY	US
Sigmund; Eric E.	New York		US

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw	Desc	Image			

☐ 3. Document ID: US 20070257671 A1

L68: Entry 3 of 53

File: PGPB

Nov 8, 2007

PGPUB-DOCUMENT-NUMBER: 20070257671
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20070257671 A1

TITLE: SSFP MRI WITH INCREASED SIGNAL BANDWIDTH

PUBLICATION-DATE: November 8, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Nayak; Krishna S.	Los Angeles	CA	US
Hargreaves; Brian A.	San Francisco	CA	US

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw	Desc	Image			

☐ 4. Document ID: US 20070080687 A1

L68: Entry 4 of 53

File: PGPB

Apr 12, 2007

PGPUB-DOCUMENT-NUMBER: 20070080687

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070080687 A1

TITLE: Method and control device for obtaining magnetic resonance data
for imaging

PUBLICATION-DATE: April 12, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ganter; Carl	Icking		DE

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw	Desc	Image			

☐ 5. Document ID: US 20060145696 A1

L68: Entry 5 of 53

File: PGPB

Jul 6, 2006

PGPUB-DOCUMENT-NUMBER: 20060145696

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060145696 A1

TITLE: Moving table mri with subsampling

PUBLICATION-DATE: July 6, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Fuderer; Miha	Eindhoven		NL
Harvey; Paul Royston	Eindhoven		NL
Van Den Brink; Johan Samuel	Eindhoven		NL

US-CL-CURRENT: [324/309](#); [324/318](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWC	Draw Desc	Image				

☐ 6. Document ID: US 20060125476 A1

L68: Entry 6 of 53

File: PGPB

Jun 15, 2006

PGPUB-DOCUMENT-NUMBER: 20060125476

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060125476 A1

TITLE: Eddy current compensation with N-average SSFP imaging

PUBLICATION-DATE: June 15, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Markl; Michael	Freiburg		DE
Leupold; Jochen	Freiburg		DE

US-CL-CURRENT: [324/307](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWC	Draw Desc	Image				

☐ 7. Document ID: US 20050182314 A1

L68: Entry 7 of 53

File: PGPB

Aug 18, 2005

PGPUB-DOCUMENT-NUMBER: 20050182314
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050182314 A1

TITLE: System and method for MRI tagging spatial modulation of magnetization

PUBLICATION-DATE: August 18, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wu, Ed X.	New York	NY	US
Tang, Haiying	New York	NY	US

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw	Desc	Image			

☐ 8. Document ID: US 20050168221 A1

L68: Entry 8 of 53

File: PGPB

Aug 4, 2005

PGPUB-DOCUMENT-NUMBER: 20050168221
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050168221 A1

TITLE: MR imaging method and MRI system

PUBLICATION-DATE: August 4, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Miyoshi, Mitsuharu	Tokyo		JP

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw	Desc	Image			

☐ 9. Document ID: US 20050148858 A1

L68: Entry 9 of 53

File: PGPB

Jul 7, 2005

PGPUB-DOCUMENT-NUMBER: 20050148858

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050148858 A1

TITLE: Multi-compartment separation in magnetic resonance using
transient steady-state free precession imaging

PUBLICATION-DATE: July 7, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hargreaves, Brian A.	Menlo Park	CA	US

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw	Desc	Image			

☐ 10. Document ID: US 20050114038 A1

L68: Entry 10 of 53

File: PGPB

May 26, 2005

PGPUB-DOCUMENT-NUMBER: 20050114038

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050114038 A1

TITLE: Method of using G-matrix fourier transformation nuclear magnetic
resonance (GFT NMR) spectroscopy for rapid chemical shift assignment and
secondary structure determination of proteins

PUBLICATION-DATE: May 26, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Szyperski, Thomas A.	Amherst	NY	US
Kim, Seho	Highland Park	NJ	US
Atreya, Hanudatta S.	Amherst	NY	US

US-CL-CURRENT: 702/19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw	Desc	Image			

☐ 11. Document ID: US 20050110485 A1

L68: Entry 11 of 53

File: PGPB

May 26, 2005

PGPUB-DOCUMENT-NUMBER: 20050110485

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050110485 A1

TITLE: Off-resonance preparatory RF pulse for MR imaging

PUBLICATION-DATE: May 26, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Sood, Rohit Rakesh	Albuquerque	NM	US

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw	Desc	Image			

☐ 12. Document ID: US 20050083053 A1

L68: Entry 12 of 53

File: PGPB

Apr 21, 2005

PGPUB-DOCUMENT-NUMBER: 20050083053
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050083053 A1

TITLE: METHOD AND APPARATUS FOR MR PERFUSION IMAGE ACQUISITION USING NON-SELECTIVE AND NOTCHED RF SATURATION PULSES

PUBLICATION-DATE: April 21, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Foo, Thomas K.F.	Potomac	MD	US

US-CL-CURRENT: 324/306; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw	Desc	Image			

☐ 13. Document ID: US 20050040821 A1

L68: Entry 13 of 53

File: PGPB

Feb 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050040821
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050040821 A1

TITLE: Steady state free precession magnetic resonance imaging using phase detection for material separation

PUBLICATION-DATE: February 24, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hargreaves, Brian A.	Menlo Park	CA	US
Vasanawala, Shreyas	Stanford	CA	US

US-CL-CURRENT: [324/307](#); [324/309](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw	Desc	Image			

☐ 14. Document ID: US 20040095138 A1

L68: Entry 14 of 53

File: PGPB

May 20, 2004

PGPUB-DOCUMENT-NUMBER: 20040095138

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040095138 A1

TITLE: MAGNETIZATION PRIMER SEQUENCE FOR BALANCED STEADY STATE FREE PRECESSION IMAGING

PUBLICATION-DATE: May 20, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Foxall, David L.	Mentor	OH	US

US-CL-CURRENT: [324/309](#); [324/318](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw	Desc	Image			

☐ 15. Document ID: US 20040064035 A1

L68: Entry 15 of 53

File: PGPB

Apr 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040064035

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040064035 A1

TITLE: Magnetic resonance imaging apparatus

PUBLICATION-DATE: April 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Miyoshi, Mitsuharu	Tokyo		JP
Kosugi, Susumu	Tokyo		JP

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw	Desc	Image			

☐ 16. Document ID: US 20040061497 A1

L68: Entry 16 of 53

File: PGPB

Apr 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040061497

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040061497 A1

TITLE: Method of using G-matrix Fourier transformation nuclear magnetic resonance (GFT NMR) spectroscopy for rapid chemical shift assignment and secondary structure determination of proteins

PUBLICATION-DATE: April 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Szyperski, Thomas A.	Amherst	NY	US
Kim, Seho	Highland Park	NJ	US
Atreya, Hanudatta S.	Amherst	NY	US

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw	Desc	Image			

☐ 17. Document ID: US 20030206013 A1

L68: Entry 17 of 53

File: PGPB

Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030206013

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030206013 A1

TITLE: System and method for MRI tagging using spatial modulation of magnetization

PUBLICATION-DATE: November 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wu, Ed X.	New York	NY	US
Tang, Haiying	New York	NY	US

US-CL-CURRENT: 324/307; 324/306

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw	Desc	Image			

☐ 18. Document ID: US 7336986 B2

L68: Entry 18 of 53

File: USPT

Feb 26, 2008

US-PAT-NO: 7336986

DOCUMENT-IDENTIFIER: US 7336986 B2

TITLE: Magnetic resonance imaging apparatus

DATE-ISSUED: February 26, 2008

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20040064035 A1	April 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miyoshi; Mitsuharu	Tokyo			JP
Kosugi; Susumu	Tokyo			JP

US-CL-CURRENT: 600/410; 128/898, 324/307, 324/309, 324/312, 324/314,
600/407

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KWMC	Draw Desc	Image

☐ 19. Document ID: US 7332908 B2

L68: Entry 19 of 53

File: USPT

Feb 19, 2008

US-PAT-NO: 7332908

DOCUMENT-IDENTIFIER: US 7332908 B2

TITLE: SSFP MRI with increased signal bandwidth

DATE-ISSUED: February 19, 2008

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20070257671 A1	November 8, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nayak; Krishna S.	Los Angeles	CA		US
Hargreaves; Brian A.	San Francisco	CA		US

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 20. Document ID: US 7262599 B2

L68: Entry 20 of 53

File: USPT

Aug 28, 2007

US-PAT-NO: 7262599

DOCUMENT-IDENTIFIER: US 7262599 B2

TITLE: Method and control device for obtaining magnetic resonance data for imaging

DATE-ISSUED: August 28, 2007

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20070080687 A1

April 12, 2007

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Ganter; Carl

82057 Icking

DE

US-CL-CURRENT: 324/309; 324/318

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 21. Document ID: US 7256579 B2

L68: Entry 21 of 53

File: USPT

Aug 14, 2007

US-PAT-NO: 7256579

DOCUMENT-IDENTIFIER: US 7256579 B2

TITLE: Method for imaging biological matter using an adiabatic pulse

DATE-ISSUED: August 14, 2007

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050110485 A1

May 26, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sood; Rohit	Albuquerque	NM		US

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 22. Document ID: US 7253620 B1

L68: Entry 22 of 53

File: USPT

Aug 7, 2007

US-PAT-NO: 7253620

DOCUMENT-IDENTIFIER: US 7253620 B1

TITLE: Spectrally selective suppression with steady-state free precession

DATE-ISSUED: August 7, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Derbyshire; John Andrew	Silver Spring	MD		US
Herzka; Daniel Alfredo	Rockville	MD		US
McVeigh; Elliot R.	Phoenix	MD		US

US-CL-CURRENT: [324/307](#); [324/309](#)

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 23. Document ID: US 7148685 B2

L68: Entry 23 of 53

File: USPT

Dec 12, 2006

US-PAT-NO: 7148685

DOCUMENT-IDENTIFIER: US 7148685 B2

**** See image for Certificate of Correction ****

TITLE: Magnetic resonance imaging with fat suppression

DATE-ISSUED: December 12, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050253579 A1

November 17, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Block; Walter F.	Madison	WI		US
Lu; Aiming	Madison	WI		US

US-CL-CURRENT: [324/307](#)

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 24. Document ID: US 7068031 B2

L68: Entry 24 of 53

File: USPT

Jun 27, 2006

US-PAT-NO: 7068031

DOCUMENT-IDENTIFIER: US 7068031 B2

TITLE: MR imaging method and MRI system

DATE-ISSUED: June 27, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050168221 A1

August 4, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Miyoshi; Mitsuharu

Tokyo

JP

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 25. Document ID: US 6922054 B2

L68: Entry 25 of 53

File: USPT

Jul 26, 2005

US-PAT-NO: 6922054

DOCUMENT-IDENTIFIER: US 6922054 B2

TITLE: Steady state free precession magnetic resonance imaging using
phase detection of material separation

DATE-ISSUED: July 26, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Hargreaves; Brian A. Menlo Park CA
Vasanawala; Shreyas Stanford CA

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 26. Document ID: US 6903548 B2

L68: Entry 26 of 53

File: USPT

Jun 7, 2005

US-PAT-NO: 6903548

DOCUMENT-IDENTIFIER: US 6903548 B2

**** See image for Certificate of Correction ****

TITLE: Method and apparatus for MR perfusion image acquisition using non-selective and notched RF saturation pulses

DATE-ISSUED: June 7, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Foo; Thomas K. F.	Potomac	MD		

US-CL-CURRENT: 324/306; 324/307

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 27. Document ID: US 6885193 B2

L68: Entry 27 of 53

File: USPT

Apr 26, 2005

US-PAT-NO: 6885193

DOCUMENT-IDENTIFIER: US 6885193 B2

TITLE: Magnetization primer sequence for balanced steady state free

precision imaging

DATE-ISSUED: April 26, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Foxall; David L.	Mentor	OH		

US-CL-CURRENT: 324/309; 324/307, 600/410

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 28. Document ID: US 6831459 B2

L68: Entry 28 of 53

File: USPT

Dec 14, 2004

US-PAT-NO: 6831459

DOCUMENT-IDENTIFIER: US 6831459 B2

TITLE: Method of using G-matrix Fourier transformation nuclear magnetic resonance (GFT NMR) spectroscopy for rapid chemical shift assignment and secondary structure determination of proteins

DATE-ISSUED: December 14, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Szyperski; Thomas A.	Amherst	NY		
Kim; Seho	Highland Park	NJ		
Atreya; Hanudatta S.	Amherst	NY		

US-CL-CURRENT: 324/309; 324/310

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 29. Document ID: US 6778847 B2

L68: Entry 29 of 53

File: USPT

Aug 17, 2004

US-PAT-NO: 6778847

DOCUMENT-IDENTIFIER: US 6778847 B2

TITLE: System and method for MRI tagging using spatial modulation of magnetization

DATE-ISSUED: August 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wu; Ed X.	New York	NY		
Tang; Haiying	New York	NY		

US-CL-CURRENT: 600/410; 324/309

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 30. Document ID: US 6462545 B1

L68: Entry 30 of 53

File: USPT

Oct 8, 2002

US-PAT-NO: 6462545

DOCUMENT-IDENTIFIER: US 6462545 B1

TITLE: Preparation sequence for gradient echo MRI acquisition

DATE-ISSUED: October 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
------	------	-------	----------	---------

Busse; Reed F. Rochester MN
Riederer; Stephen J. Rochester MN

US-CL-CURRENT: 324/309; 324/306

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 31. Document ID: US 6078175 A

L68: Entry 31 of 53

File: USPT

Jun 20, 2000

US-PAT-NO: 6078175

DOCUMENT-IDENTIFIER: US 6078175 A

TITLE: Acquisition of segmented cardiac gated MRI perfusion images

DATE-ISSUED: June 20, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Foo; Thomas K F	Rockville	MD		

US-CL-CURRENT: 324/306; 324/300, 324/309, 600/413

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 32. Document ID: US 5151655 A

L68: Entry 32 of 53

File: USPT

Sep 29, 1992

US-PAT-NO: 5151655

DOCUMENT-IDENTIFIER: US 5151655 A

TITLE: Magnetic resonance imaging using a back-to-back pulse sequence

DATE-ISSUED: September 29, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Harms; Steven E.	Dallas	TX		
Flamig; Duane P.	Richardson	TX		
Griffey; Richard H.	Dallas	TX		

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 33. Document ID: US 5070299 A

L68: Entry 33 of 53

File: USPT

Dec 3, 1991

US-PAT-NO: 5070299

DOCUMENT-IDENTIFIER: US 5070299 A

TITLE: Slice profile optimization for a nuclear magnetic resonance tomography apparatus operated with a gradient echo sequence

DATE-ISSUED: December 3, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kiefer; Berthold	Erlangen			DE
Schmitt; Franz	Baiersdorf			DE

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 34. Document ID: US 5028280 A

L68: Entry 34 of 53

File: USPT

Jul 2, 1991

US-PAT-NO: 5028280

DOCUMENT-IDENTIFIER: US 5028280 A

TITLE: Soft magnetic alloy films having a modulated nitrogen content

DATE-ISSUED: July 2, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ihara; Keita	Katano			JP
Sakakima; Hiroshi	Hirakata			JP
Osano; Koichi	Sakai			JP

US-CL-CURRENT: 148/306; 148/307, 148/310, 148/311, 420/117, 420/128

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KWMC	Draw Desc	Image

☐ 35. Document ID: WO 2004077086 A1

L68: Entry 35 of 53

File: EPAB

Sep 10, 2004

PUB-NO: WO2004077086A1

DOCUMENT-IDENTIFIER: WO 2004077086 A1

TITLE: MOVING TABLE MRI WITH SUBSAMPLING

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KWMC	Draw Desc	Image

☐ 36. Document ID: DE 19903029 A1

L68: Entry 36 of 53

File: EPAB

Aug 3, 2000

PUB-NO: DE019903029A1

DOCUMENT-IDENTIFIER: DE 19903029 A1

TITLE: Magnetic resonance imaging process

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 37. Document ID: WO 2004077086 A1, EP 1599741 A1, US 20060145696 A1, JP 2006519051 W

L68: Entry 37 of 53

File: DWPI

Sep 10, 2004

DERWENT-ACC-NO: 2004-662083

DERWENT-WEEK: 200656

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TITLE: Magnetic resonance imaging method for medical application, involves undersampling data in restricted region, in receive state defined as block of contiguous measurements having preserved magnetization and presaturation conditions

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Clip Img Image

☐ 38. Document ID: CN 1453768 A, CN 1225729 C

L68: Entry 38 of 53

File: DWPI

Nov 5, 2003

DERWENT-ACC-NO: 2004-072784

DERWENT-WEEK: 200652

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TITLE: Vertical magnetized film for high-density mixed photomagnetic record

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 39. Document ID: US 3523107 A

L68: Entry 39 of 53

File: USOC

Aug 4, 1970

US-PAT-NO: 3523107

DOCUMENT-IDENTIFIER: US 3523107 A

TITLE: HALOGENATED HYDROCARBON CATALYST CARRIER FOR THE POLYMERIZATION OF ALPHA-OLEFINS

DATE-ISSUED: August 4, 1970

INVENTOR-NAME: SPIEGELMAN PHILLIP P

US-CL-CURRENT: 526/70; 526/144, 526/169.2, 528/499, 528/501

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 40. Document ID: US 3432829 A

L68: Entry 40 of 53

File: USOC

Mar 11, 1969

US-PAT-NO: 3432829

DOCUMENT-IDENTIFIER: US 3432829 A

TITLE: RADIATION-HARDENED RECORDING SYSTEM

DATE-ISSUED: March 11, 1969

INVENTOR-NAME: HEWITT FRED G; JAMES RAYMOND H

US-CL-CURRENT: 365/244, 250/336.1, 365/193, 365/194

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 41. Document ID: US 3432817 A

L68: Entry 41 of 53

File: USOC

Mar 11, 1969

US-PAT-NO: 3432817

DOCUMENT-IDENTIFIER: US 3432817 A

TITLE: APPARATUS FOR INFORMATION STORAGE WITH THIN MAGNETIC FILMS

DATE-ISSUED: March 11, 1969

INVENTOR-NAME: GUNDLACH KARL-HEINZ; BILLING IEINZ ; RUDIGER ALBRECHT

US-CL-CURRENT: 365/58, 29/604, 365/171, 365/87

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 42. Document ID: US 3405232 A

L68: Entry 42 of 53

File: USOC

Oct 8, 1968

US-PAT-NO: 3405232

DOCUMENT-IDENTIFIER: US 3405232 A

TITLE: Video tape recorder using amplitude modulated carrier and saturated tape

DATE-ISSUED: October 8, 1968

INVENTOR-NAME: MORROW ROBERT D; HEGEMAN ANDREW S

US-CL-CURRENT: 360/29, 360/66, 386/E5.009, 386/E5.043

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 43. Document ID: US 3381033 A

L68: Entry 43 of 53

File: USOC

Apr 30, 1968

US-PAT-NO: 3381033

DOCUMENT-IDENTIFIER: US 3381033 A

TITLE: Continuous crystallization of glutamic acid in its alpha orthorhombic form

DATE-ISSUED: April 30, 1968

INVENTOR-NAME: GRIER JAMES S; PINES SEEMON H

US-CL-CURRENT: 562/554

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 44. Document ID: US 3365269 A

L68: Entry 44 of 53

File: USOC

Jan 23, 1968

US-PAT-NO: 3365269

DOCUMENT-IDENTIFIER: US 3365269 A

TITLE: Ferromagnetic metal oxyfluorides

DATE-ISSUED: January 23, 1968

INVENTOR-NAME: CHAMBERLAND BERTRAND L

US-CL-CURRENT: 423/464

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 45. Document ID: US 3357003 A

L68: Entry 45 of 53

File: USOC

Dec 5, 1967

US-PAT-NO: 3357003

DOCUMENT-IDENTIFIER: US 3357003 A

TITLE: Single channel quaternary magnetic recording system

DATE-ISSUED: December 5, 1967

INVENTOR-NAME: MACARTHUR STEVEN J

US-CL-CURRENT: 360/40; 375/261

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 46. Document ID: US 3239783 A

L68: Entry 46 of 53

File: USOC

Mar 8, 1966

US-PAT-NO: 3239783

DOCUMENT-IDENTIFIER: US 3239783 A

TITLE: Temperature-responsive current controlling inductor device

DATE-ISSUED: March 8, 1966

INVENTOR-NAME: YETTER EDWARD W

US-CL-CURRENT: 336/179; 148/300, 334/6, 336/20, 361/161, 374/E7.04,
420/576

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 47. Document ID: US 3049550 A

L68: Entry 47 of 53

File: USOC

Aug 14, 1962

US-PAT-NO: 3049550

DOCUMENT-IDENTIFIER: US 3049550 A

TITLE: Process for the production of 3-amino4, 7-dihydroxycoumarin
hydrochloride

DATE-ISSUED: August 14, 1962

INVENTOR-NAME: CLAUDE SPENCER; EDWARD WALTON

US-CL-CURRENT: 549/285, 435/75, 435/886, 536/13

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 48. Document ID: US 3030307 A

L68: Entry 48 of 53

File: USOC

Apr 17, 1962

US-PAT-NO: 3030307

DOCUMENT-IDENTIFIER: US 3030307 A

TITLE: Ferrite material containing lithium and aluminum oxides

DATE-ISSUED: April 17, 1962

INVENTOR-NAME: BAIRD DONALD H; JOHN DYMON JOSEPH ; SAMUEL NATANSOHN

US-CL-CURRENT: 252/62.58, 252/62.61

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 49. Document ID: US 2986681 A

L68: Entry 49 of 53

File: USOC

May 30, 1961

US-PAT-NO: 2986681

DOCUMENT-IDENTIFIER: US 2986681 A

TITLE: Monoclinic glycine sulfate and isomorphs

DATE-ISSUED: May 30, 1961

INVENTOR-NAME: MATTHIAS BERND T

US-CL-CURRENT: 361/225; 562/575

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 50. Document ID: US 2903509 A

L68: Entry 50 of 53

File: USOC

Sep 8, 1959

US-PAT-NO: 2903509

DOCUMENT-IDENTIFIER: US 2903509 A

TITLE: Video signal recording systems

DATE-ISSUED: September 8, 1959

INVENTOR-NAME: HOUGHTON WILLIAM D

US-CL-CURRENT: 360/66; 360/73.12, 386/46, 386/E5.009, 386/E5.01

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 51. Document ID: US 2636158 A

L68: Entry 51 of 53

File: USOC

Apr 21, 1953

US-PAT-NO: 2636158

DOCUMENT-IDENTIFIER: US 2636158 A

TITLE: Magnetic saturation device

DATE-ISSUED: April 21, 1953

INVENTOR-NAME: BEDFORD BURNICE D

US-CL-CURRENT: 323/302

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 52. Document ID: US 2445991 A

L68: Entry 52 of 53

File: USOC

Jul 27, 1948

US-PAT-NO: 2445991

DOCUMENT-IDENTIFIER: US 2445991 A

TITLE: Electric control system

DATE-ISSUED: July 27, 1948

INVENTOR-NAME: BEDFORD BURNICE D

US-CL-CURRENT: [322/19](#); [315/195](#), [322/28](#), [322/36](#)

Full	Title	Citation	Front	Review	Classification	Date
Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image

☐ 53. Document ID: US 2413709 A

L68: Entry 53 of 53

File: USOC

Jan 7, 1947

US-PAT-NO: 2413709

DOCUMENT-IDENTIFIER: US 2413709 A

TITLE: Method of recovering alumina and hydrochloric acid

DATE-ISSUED: January 7, 1947

INVENTOR-NAME: HOFFMAN JOHN D

US-CL-CURRENT: [423/123](#); [423/126](#), [423/481](#)

Full	Title	Citation	Front	Review	Classification	Date
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MAGNETIZATIONS	5269
MAGNETISATION	13205
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